APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840018-4

Gravimetric Method of Determining Plumb Line Deviations, by P. S. Zakatov, 86pp. UNCLASSIFIED

RUSSIAN, bk, Kurs Vysshey Geodezii, pp 212-261.

US JPRS/ MY-336

(CSO-1216)

Sci - Geophysics, geodesy; Eng
May 58

62,939

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Order from OTS $4.00 61-31212

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DESCRIPTORS. *Textbooks, *Geodesies, Geodetic astronomy, Astronomy, Gravity, Ellipsoids, Spheres, Deflection, Earth, Configuration.

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61-31212

I. Zakatov, P. S.
II. Title: Spheroidal...
III. Title: Sferoidicheskaya...
IV. PL-480 Comm (61-31212)
V. National Science Foundation, Washington, D.C.

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CFSTI TT 64-19731

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DESCRIPTORS: *Mathematics, Training, Universities, Education.

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JPRS 13757

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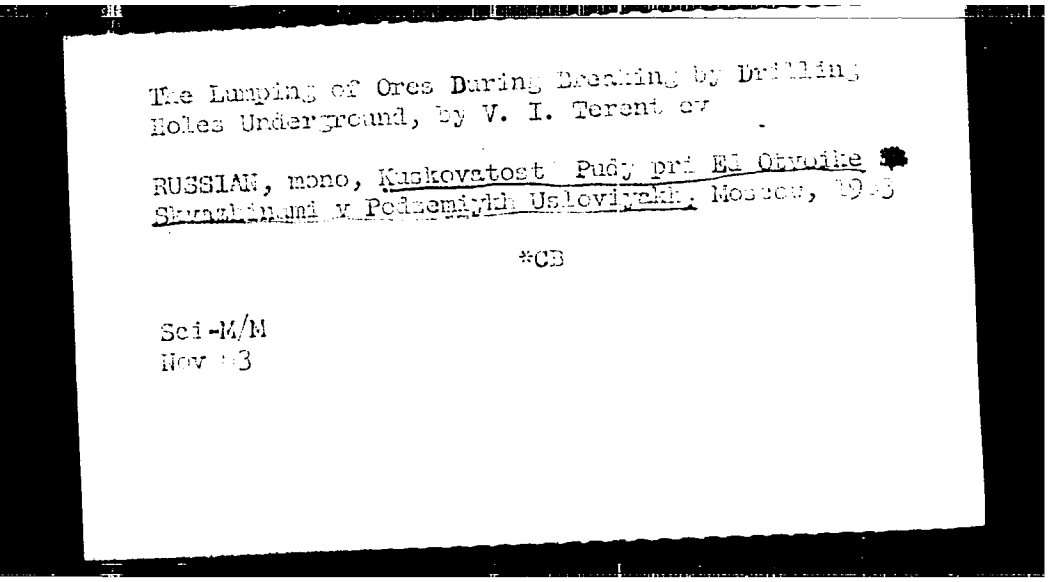

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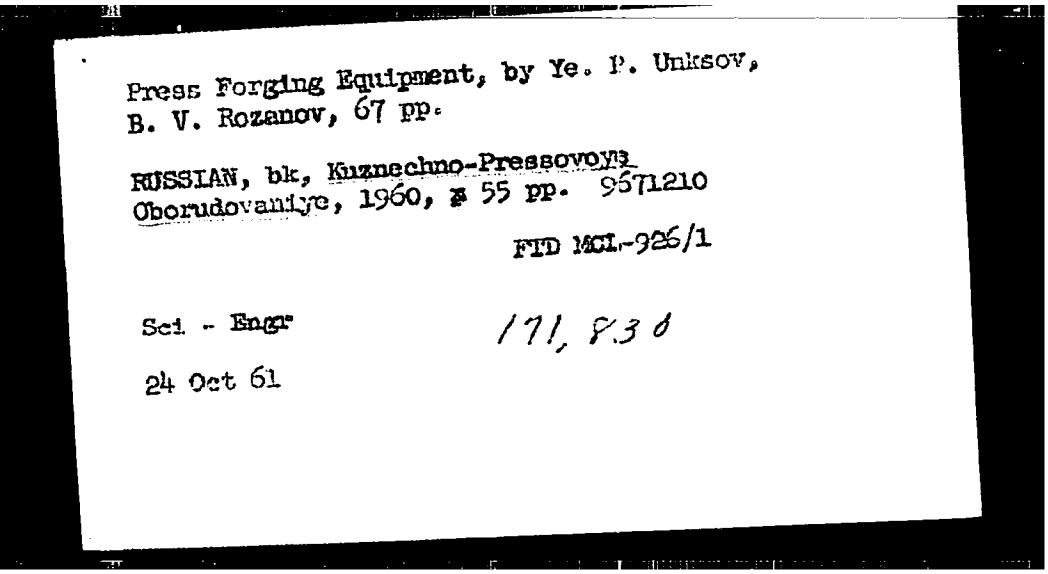

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FTD MCL-926/1

Sci - Engr

171, 830

24 Oct 61

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FTD MCL-1299/1

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BISI 1541

(16 10s.01.)

Sci - Min/Met
May 60

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APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840018-4

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BISI 1738

Sci - Engr

Aug 60

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ATIC MCL-1060/1

Sci - Engr

Jul 61

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BIHI 1588

Sci - Min/Met

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AEC Tr-4106

Semi - Engr
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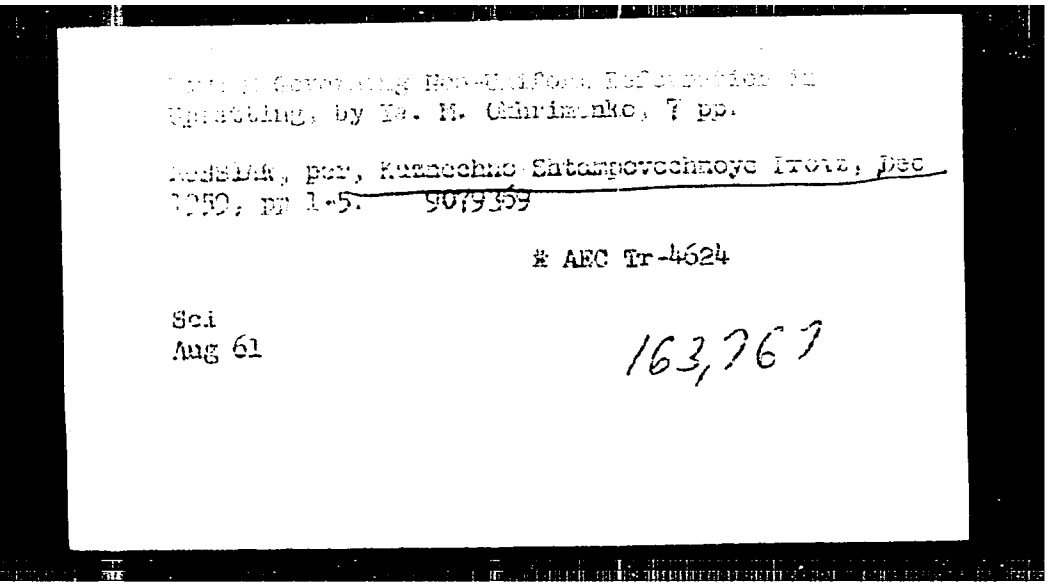

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BISI 2172

Sci - Engr

Jul 61

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APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840018-4

(NY-2900/10)

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JPRS 5032

USSR

Econ - Technological

Aug 60

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*MT 105

Sci
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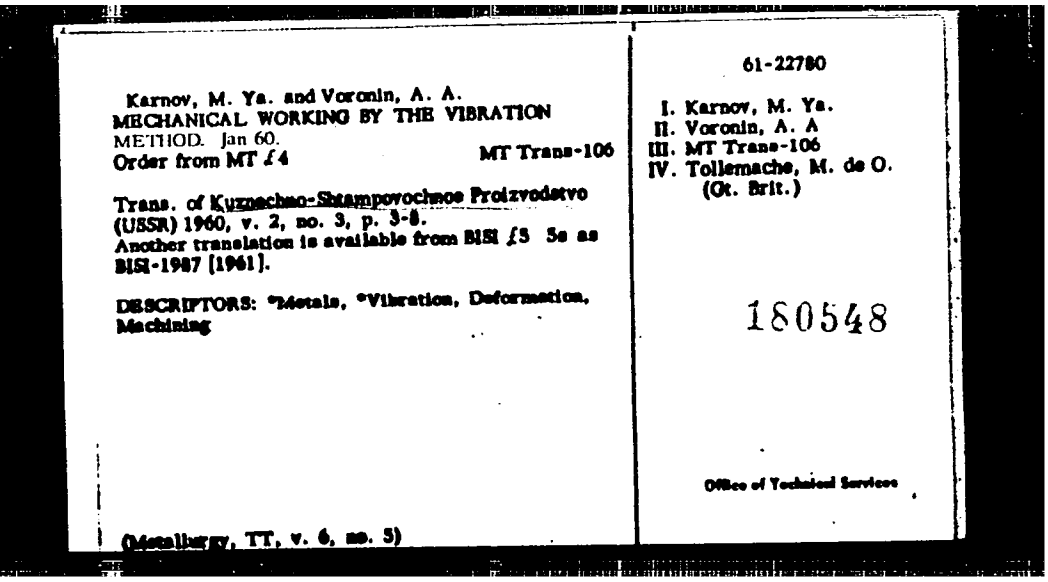

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Order from MT £4 MT Trans-106

Trans. of Kuznechno-Shtampovochnoe Proizvodstvo (USSR) 1960, v. 2, no. 3, p. 3-8.
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DESCRIPTORS: *Metals, *Vibration, Deformation, Machining

(Metallurgy, TT, v. 6, no. 5)

61-22780

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180548

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MT 133

Sci - Engr

148, 828

May 61

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* MT 107

Sci
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MT 134

Sci - Engr

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MT 163

Sci - Min/Met

May 61

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The Forging Down of Heat-Resisting Steel Ingots, by F. M. Valyavkin.

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BISI 2281

Sci - Engr

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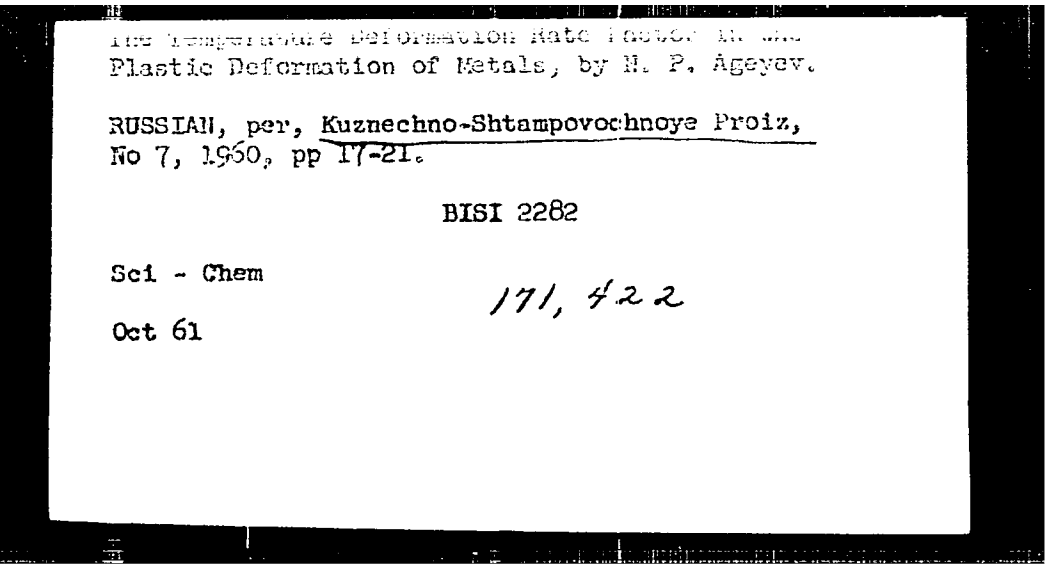

The Temperature Deformation Rate Factor in the Plastic Deformation of Metals, by N. P. Ageyev.

RUSSIAN, per, Kuznechno-Shtampovochnoye Proiz, No 7, 1960, pp 17-21.

BISI 2282

Sci - Chem

171, 422

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(NY 2900/29).

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RUSSIAN, per, Kuznechno-Shtampovochnoye Proizvodstvo, July 1960, pp 22.

*JPRS 7409

USSR

Econ - Technological - Machine Building

27 Sep 60

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(NY 2700/29).

New 200-ton Multistage Press, by V. I. Khabarov, S. M. Nekhay, 3 l

RUSSIAN, per, Kuznechno-Shtampovochnoye Proizvodstvo, July 1960, p 39.

*JPRS 7499

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(NY 2900/29).

High-Production Automatic for Making Spring Washers, by S. F. Shvanov, 1 p.

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*JPRS 7404

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MT 212

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Sci

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The Forging of Heavy Billets Between Plane Tools, by Lyu Khai-Kluan', et al.

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BISI 2103

Sci - Engr

Jul 61

161,063

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840018-4

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RUSSIAN, per, Kuznechno-Shtampovochnoye Proiz, Vol II, Sep 1960, pp 21-26.

BISI 2287

Sci - Engr

170, 102

Sep 61

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BISI 2288

Sci - Engr

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BISI 2148

168,483

Sci - Min/Metals

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Designing Passes and Tools for Manufacturing Bolts on Automatic Lines, by A. N. Gladkikh, N. I. Maslennikov.

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BISI 2454

171,404

Sci

Oct 61

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BISI 2149

Sci - Engr

168, 484

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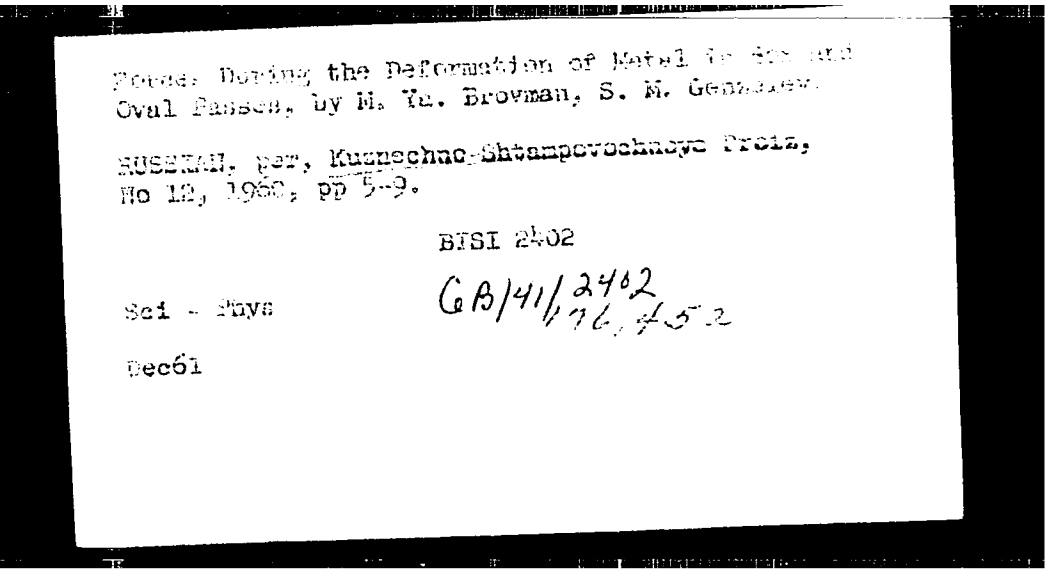

Forces During the Deformation of Metal in Box and Oval Passes, by M. Ya. Brovman, S. M. Gen[illegible]

RUSSIAN, per, Kuznechno-Shtampovochnoye Proiz, No 12, 1960, pp 5-9.

BISI 2402

GB/41/2402
76,452

Sci - Phys

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Automatic Lines for the Manufacture of Bolts and Screws, by A. N. Gladkikh, N. I. Maslennikov, P. P. Parafonov.

RUSSIAN, per, Kuznechno-Shtampovochnoye Proiz, No 1, 1961, pp 9-11.

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(NY-2900/58).

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RUSSIAN, per, Kuznechno-Shtampovochnoye Prizvodstvo, Mar 1961, pp 1-2.

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21 Apr 61

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HB 5593

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(SF-2180)

FORGING URANIUM, BY P. I. SEREDIN, 9 PP.

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NO 5, 1961, PP 14-18.

JPRS 13039

SCI - CHEM
MAR 62

188,787

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840018-4

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840018-4

Some Problems of the Vibration Deformation of Metals With Restriction of Spread, by M. Ya. Karnov.

RUSSIAN, per, Kuznechno-Shtampovochnoye Proiz, Vol III, Mar 1961, pp 16-18. 709776

BISI 2528

Sci - Engr

188,954

Mar 62

List 124

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840018-4

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840018-4

A More Accurate Method of Determining the Upsetting Force for Forging Ingots, by E. N. Moshnin, N. M. Zolotukhin.

RUSSIAN, per, Kuznechno-Shtampovochnoye Proiz, Vol III, Mar 1961, pp 18-19.

BISI 2529

Sci - Engr

188,955

Mar 62

List 124

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840018-4

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840018-4

The Forging and Pressing of Cast Iron, by S. O. Klychnikov.

RUSSIAN, per, Kuznechno-Shtampovochnoye Proiz, Vol III, Mar 1961, pp 19-23.

BIBI 2530

Sci - Engr

Mar 62

List 124

188,956

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840018-4

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(MT-2900/58)

Multi-Position Automatic Presses, by L. A. Prishchepionok, 4 pp.

RUSSIAN, per, Kuznechno-Shtampovochnoye Proiz, No 3, 1961, pp 27-30.

JPRS 9302

Sci - Engr

Jun 61

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APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840018-4

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840018-4

(NY-2900/58).

Determination of Loads on Forging Manipulator Clamping Mechanism Parts, by V. G. Mironov,

RUSSIAN, per, Kuznechno-Shtampovochnoye Proizvodstvo, Mar 1961, p 30.

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21 Apr 61

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840018-4

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(SF-2092)

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JPRS 12207

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Feb 62

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840018-4

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840018-4

Cold Thread Rolling on Long Screws, by M. M. Volkov.

RUSSIAN, per, Kuznechno-Shtampovochnoe Proiz, Vol III, No 4, 1961, pp 1-5.

BISI 2696

Sci - Engr

203,502

Jul 62

List 136

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840018-4

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840018-4

Korneev, N. I., Morokhovets, G. M. and others.
INVESTIGATION OF THE TECHNOLOGICAL DUCTILITY OF STAINLESS STEELS. 13 June 61, 3p.
AID rept. 61-90; AD-260 421.
Order from OTS or SLA $1.10 61-27305

Abstract trans. of Kuznechno-Shtampovochnoe Proizvodstvo (USSR) 1961, [v. 3] no. 4, p. 9-12.

DESCRIPTORS: *Stainless steel, *Steel, Forging austenite, Martensite, Processing, Deformation, Heat treatment, USSR, Mechanical properties.

The forgeabilities of 5 Soviet martensitic and semi-austenitic steels are compared with a medium-carbon low-alloy steel. Forgeability was evaluated on the basis of results of tensile, compression, and impact tests at temperatures of 600-1300°C. The article also reveals for the first time the complete chemical composition of 3 of these steels.

61-27305

I. Korneev, N. I.
II. Morokhovets, G. M.
III. AID-61-90
IV. Air Information Div., Washington, D. C.
V. AD-260 421

AS719

(Metallurgy--Ferrous Metals, TT, v. 6, no. 11)
Office of Technical Services

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840018-4

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840018-4

(SF-1880)

Conference on New Technological Processes of Metal-Working by Means of Pressure in Machine Building, by A. V. Korolev, 7 pp.

RUSSIAN, per, Kuznechno Shtampovochnoye Proiz, No 4, 1961, pp 46-48.

JPRS 10663

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APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840018-4

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840018-4

A NEW TECHNIQUE FOR PRODUCING BILLETS FOR HOLLOW RAILWAY AXLES, BY A. I. TSELIKOV, S. P. GRANOVSKIY, V. I. EFANOV.

RUSSIAN, PER, KUZNECHNO-SHTAMPOVOCHNOE PROIZ, NO 5, 1961, PP 4, 5.

BISI 2889

SCI - ENGR
AUG 62
LIST 144

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APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840018-4

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840018-4

Effect of Heat-Treatment Conditions of the Anisotropy of the Mechanical Properties of Forged Steel, by V. N. Trubin, I. Ya. Chernikhova.

RUSSIAN, per, Kuznechno-Shtampovochnoe Proiz, No 5, 1961, pp 5-9.

BISI 2673

Sci - Min/Metals

Sep 62

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APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840018-4

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840018-4

Determination of the Coefficient of Friction From the Hardness Distribution in the Plastic Zone, by P. A. Ivanov.

RUSSIAN, per, Kuznechno-Shtampovochnoye Proiz, Vol III, No 5, 1961, p 10.

*BISI E 2674

Sci - Min/Metals

14 Mar 62

list B 69

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Non-Oxidizing Heating of Semiproducts by Naked Flame Accompanied by Burning Up of Products of Incomplete Combustion in the Working Area of the Furnace, by A. U. Pugovkin.

RUSSIAN, per, Kuznechno-Shtampovochnoe Proiz, Vol III, No 5, 1961, pp 34-36.

BISI 2656

Sci - Min/Metals

204, 812

Jul 62

list 130

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840018-4

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840018-4

Some Factors Affecting the Deep Drawing of Sheet Steel, by P. G. Kovtun, O. A. Rozhkov.

RUSSIAN, per, Kuznechno-Shtampovochnoe-Proiz, No 6, 1961, pp 7-13.

BISI 2904

Sci - Min/metals

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Oct 62

list 149

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840018-4

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840018-4

On the Determination of Work of Deformation Under Conditions of Vibrational Loading, by M. Ya. Karnov.

RUSSIAN, per, Kuznechno-Shtampovochnoe Proiz, No 6, 1961, pp 21-23.

BISI 2903

Sci - Engr

Aug 62

211,200

list 146

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840018-4

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840018-4

Automatic Compensation of Tilting Movement of the Ram in Hydraulic Forging Presses, by B. V. Rozanov, V. P. Lints.

RUSSIAN, per, Kuznechno-Shtampovochnoe Proiz, No 6, 1961, pp 38-42.

3

BISI 2885

Sci - Engr

Sep 62

210,852

list 148

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840018-4

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840018-4

(NY-3000)

A Discussion of T Rotary Lines, by V. A. Cheslishchev, V. I. Davydov, 4 pp.

RUSSIAN, per, Kuznechno-Shtampovochnoye Proiz, M No 6, 1961, pp 43-45.

JPRS 11277

173, 130

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APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840018-4

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840018-4

Kononenko, V. G., Kushnarenko, S. G., and Chizhov, V. G.
UNTERSUCHUNG DER PLASTIZITAT VON KONSTRUKTIONSMATERIALIEN BEI HOHEN VERFORMUNGSGE-SCHWINDIGKEITEN (Investigation of the Plasticity of Structural Materials at High Deformation Speeds).
Order from: TIB $1.30

Trans. in German of Kuznechno-Shtampovochnoe Proizvodstvo (USSR) 1961, v. 3, no. 7, p. 4-6.

DESCRIPTORS: *Plasticity, Construction, *Deformation, *Velocity, Materials.

(Materials, TT, v. 9, no. 11)

62-27294

I. Kononenko, V. G.
II. Kushnarenko, S. G.
III. Chizhov, V. G.
IV. Technische Informationsbibliothek, Hannover (West Germany)

Office of Technical Services

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840018-4

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840018-4

Ageev, N. P.
DER EINFLUSS DER TEMPERATUR UND DER GESCHWINDIGKEIT AUF DIE UMFORMFESTIGKEIT VON STAHLEN (The Effect of Temperature and Speed on the Deformation Streng.h of Steel).
Order from TIB $1.30

Trans. in German of Kuznechno-Shtampovochnoe Proizvodstvo (USSR) 1961, v. 3, no. 9, p. 1-4.

DESCRIPTORS: *Temperature, *Velocity, *Steel, Deformation, Mechanical properties.

(Metallurgy--Ferrous Metals, TT, v. 9, no. 11)

62-27258

I. Ageev, N. P.
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Office of Technical Services

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840018-4

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JPRS 13424

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APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840018-4

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(NY-3000)

PRODUCTION PLANNING IN THE FORGING SHOPS OF METALLURGICAL PLANTS, BY I. YE. MOSHKEVICH, KH. P. ZAYTSEV, A. A. SPASOV, 6 PP.

RUSSIAN, PER, KUZNECHNO-SHTAMPOVOCHNOYE HNO PROIZVODSTVO, NO 1, 1962, PP 31-33.

JPRS 14072

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JUN 62

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Equipment for High Speed Stamping (From Foreign Literature), by Yu. P. Sogrishin, O. V. Protopopov

RUSSIAN, per, Kuznechno-Shtampovochnoye Proizvodstvo, No 2, 1962, pp 26-27

*FTD-MT-62-25
(Machine Translation)

Sci - Engr
Aug 62

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840018-4

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840018-4

TECHNICAL-ECONOMIC ANALYSIS OF PRODUCING GEARS BY MILLING BY V. A. KROKHA, L. N. SUVORINA, L2 PP.

RUSSIAN, PER, KUZNECHNO-SHTAMPOVOCHNOYE PROIZVODSTVO, NO 5, 1962, PP 39-44.

JPRS 18636

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APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840018-4

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Hydraulic Rotary Transfer Drawing Press, by
M. A. Trofimov, 3pp.

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Proizvodstvo, No 6, 1962, pp 26, 29, 30.

JPRS 15302

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APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840018-4

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840018-4

Forging Molybdenum and Alloys on Its Base, by T. V. Vorontsova, N. N. Morgunova, 11 pp.

RUSSIAN, per, Kuznechno-Shtampovochnoye Proiz, No 8, 1962, pp 8-11. 9668358

FTD-TT-62-1789

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APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840018-4

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MODERNIZATION OF CRANK DROP-FORGING PRESSES
AT THE VORONEZH HEAVY MECHANICAL PRESSES PLANT,
BY V. I. DEGTYAREV, P. N. VYSOTSKIY, 10 PP.

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JPRS 16627

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DEC 62

218,[illegible]304

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840018-4

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How to Avoid Internal Transverse Tears During the Forging of Ingots of High-Alloy Steels and Alloys, by M. Ya. Dzugutov, B. F. Vakhtanov.

RUSSIAN, por, Kuznechno-Shtampov Proizvodstvo, No 2, 1963, pp 7, 8.

HB 5915

Sci-N/M

Aug 63

343,510

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840018-4

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Formation of Stretcher Strains in Sheet Metal During Plastic Forming Processes, by A. D. Tomlenov.

RUSSIAN, per, Kuznechn. Shtamp. Proizv, No 2, 1963, pp 17-19.

HB 6033

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Oct 63

345, 183

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840018-4

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840018-4

Oxidation and Decarburization of Steel in Air Furnaces With Partial Burning of Natural Gas, by V. N. Kostyakov, A. E. Krinov.

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BIBI 3229

Sci - M/m
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APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840018-4

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THE SCIENTIFIC-TECHNICAL CONFERENCE ON THE EXPERIENCE OF DESIGNING AND OPERATION OF AUTOMATIC LINES OF THE FORGING-STAMPING INDUSTRY, BY S. L. ZLOTNIKOV, 5 PP.

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JPRS 18301

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APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840018-4

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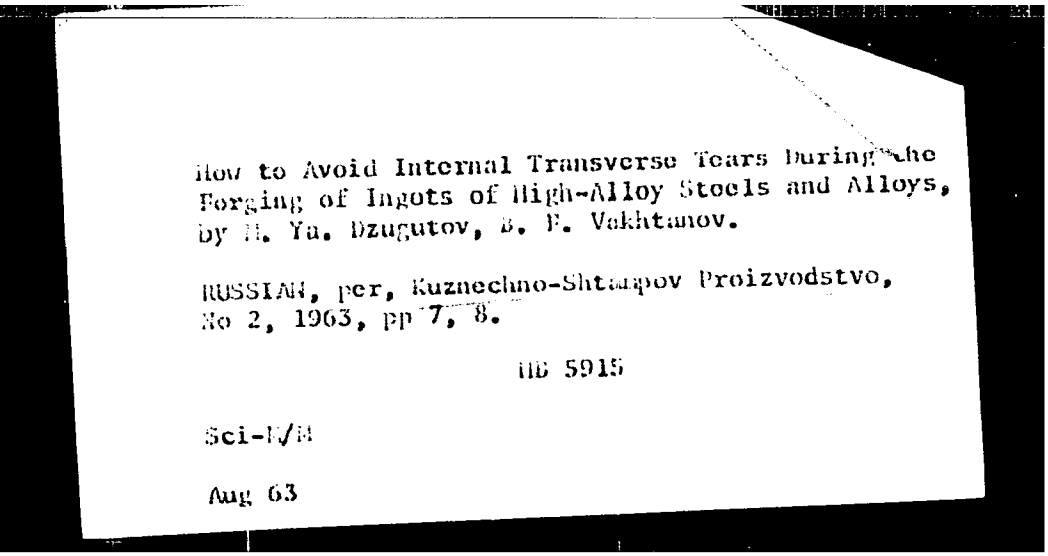

How to Avoid Internal Transverse Tears During the Forging of Ingots of High-Alloy Steels and Alloys, by N. Ya. Dzugutov, B. P. Vakhtanov.

RUSSIAN, per, Kuznechno-Shtampov Proizvodstvo, No 2, 1963, pp 7, 8.

NB 5915

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High-Velocity Forming of Turbine Blades,
by V. G. Kononenko, Yu. A. Bobrykin.
RUSSIAN, per, Kuznechno-ShTamp. Proizvodstvo,
No 3, March 1963, pp 10-13.
MB 5790

Sci-Mech Indus Civ Mar Engr
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APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840018-4

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New Impact Testing Machines for High Speed Mechanical Testing of Materials, by V. G. Kononenko, S. G. Mushmarenko, et al, 16 pp.
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Effect of Oxygen-Free Heating on the Surface State of Steel, by V. P. Nikiforov, V. A. Kuromedov.
RUSSIAN, per, Kuznechno-Shtampovochnoe Proizvodstvo, No 6, 1963, pp 31-33.
BISI 36:09

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May 64

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APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840018-4

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ANALYSIS OF TECHNOLOGICAL AND ECONOMIC INDICES IN GEAR WHEEL STAMPING WITH TEETH FORMING, BY V. A. KROKHA, O. V. PROTOPOPOV, ET AL, 7 PP

RUSSIAN, PER, KUZNECHNOSHTAMPOVOVHNOYE PROIZVODSTVO, NO 7, 1963, PP 31-34,

JPRS 21102

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SEP 63

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APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840018-4

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Results of Investigations of New Types of Furnace for xx the Scale-Free Heat Treatment of Steel,
by M. M. Efros.
RUSSIAN, per, Kuznechno-Shtampovochnoye Proizvodstvo, Vol V, No 8, 1963, pp 33-37.
BISI 3683

Sci - Engr
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APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840018-4

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SPECIALIZATION OF FORGING IN THE DONETS DNEPR INDUSTRIAL REGION, BY V. P. SKIDAN, 11 PP.

RUSSIAN, PER, KUZNECHNO SHTAMPOVOCHNOYE PROIZ, NO 9, 1963, PP 37-41.

JPRS 21880

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The Scale-Free Heat Treatment of Metal for Drop Forging in a Semi-Continuous Pusher-Type Furnace, by V. N. Kostyakov, A. E. Erinov. RUSSIAN, per, Kuznechno-Shtampovochnoye Proizvodstvo, No 10, 1963, pp 32-36. BISI 3684

Sci - Engr
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Determination of the Induction Heating Time Of Titanium Alloy Billets for Pressure Working, by I. I. Bezruchko, M. S. Aysikovich, 15 pp.
RUSSIAN, per, Kuznechno-Shtampovochnoye, No 12, 1963, pp 27-31. 9697520
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Aug 65 288,097

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800-Ton Hydraulic Straightening Presses,
by N. I. Nayguz, M. N. Basin, 5 pp.
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JPRS 25044

2 also JPRS 24,919

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Jun 64 261,638

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840018-4

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840018-4

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Parts From Liquid Steel, by L. A. Zubov,
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Vol 6, Nov 1964, pp 16-19.
BISI 4250

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Some Problems of Stamping Sintered Aluminum Powder Sheet, by G. S. Sakharov, I. P. Tsipulin, et al, 8 pp. RUSSIAN, per, Kuznechno-Shtampovoch Proiz, No 7, 1964, pp 16-18.
JPRS 27004

Sci - M/M
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